

Title (en)

SYSTEM FOR DETERMINING THE LIKELIHOOD OF ENDOCARDIAL BAROTRAUMA IN TISSUE DURING ABLATION

Title (de)

SYSTEM ZUR BESTIMMUNG DER ÄHNLICHKEIT VON ENDOKARDIO-BAROTRAUMEN IN GEWEBE WÄHREND DER ABLATION

Title (fr)

SYSTÈME PERMETTANT DE DÉTERMINER LA PROBABILITÉ D'UN BAROTRAUMATISME DE L'ENDOCARDE DANS UN TISSU LORS D'UNE ABLATION

Publication

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Application

EP 10836750 A 20101210

Priority

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- US 96495610 A 20101210

Abstract (en)

[origin: US2011144657A1] A method and system for determining a likelihood of barotrauma occurring in tissue during the formation of a lesion therein is provided. The system includes an electronic control unit (ECU). The ECU is configured to acquire at least one value of at least one component of a complex impedance between an electrode and the tissue. The ECU is further configured to calculate an index responsive to the at least one value of the at least one complex impedance component. The index is indicative of a likelihood of barotrauma occurring in the tissue. The method comprises acquiring at least one value of at least one component of a complex impedance between an electrode and the tissue. The method further comprises calculating an index responsive to the at least one value of the at least one complex impedance component. The calculating index is indicative of a likelihood of barotrauma occurring in the tissue.

IPC 8 full level

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Citation (examination)

- WO 9520361 A1 19950803 - PHILADELPHIA HEART INST [US], et al
- WO 2008005388 A2 20080110 - D THERAPEUTICS LLC [US], et al
- US 2005080460 A1 20050414 - WANG LI [US], et al
- US 6129669 A 20001010 - PANESCU DORIN [US], et al

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